

# Mellanox MC2207130-002 Datasheet



Mellanox MC2207130-002 passive copper cable, VPI, up to 56Gb/s, QSFP, 2m

MC2207130-002

Mellanox 56Gb/s Passive Copper Cables

Mellanox's passive copper cables provide robust connections for leading edge 56Gb/s systems. Passive copper cables require no additional power to ensure quality connectivity. The 56Gb/s passive copper cables are fully compliant with SFF-8436 specification and provide connectivity between devices using QSFP ports. Mellanox's 56Gb/s passive copper cables fill the need for short, cost-effective connectivity in the data center. Mellanox's high-quality solutions provide a power-efficient replacement for active power connectivity such as fiber optic cables for short distances.

Optimizing systems to operate with Mellanox's 56Gb/s passive copper cables significantly reduces power consumption and EMI emission, eliminating the use of EDC hosts.

## Highlights

- Compliant with SFF-8436

- Compliant with IEEE 802.3ba
- Up to 3m 56Gb/s data rates
- Ultra low crosstalk for improved performance
- Low insertion loss
- BER better than 10<sup>-15</sup>
- Serial numbers printed on each end
- Tested in an end-to-end system
- RoHS 6 Compliant

For more specifications of this MC2207130-002, please visit below Mellanox website:

[https://www.mellanox.com/related-docs/prod\\_cables/DS\\_FDR\\_56Gbs\\_Passive\\_Copper\\_Cables.pdf](https://www.mellanox.com/related-docs/prod_cables/DS_FDR_56Gbs_Passive_Copper_Cables.pdf)

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